

PTO/SB/08A (04-03)

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/643,961
		Filing Date	August 20, 2003
		First Named Inventor	Chun Ho FAN
		Art Unit	2813
		Examiner Name	
Sheet	1	of	2
		Attorney Docket Number	50626.53

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
nb	1	US-2001/0015492 A1	08/2001	Akram et al.	
nb	2	US 2002/0006718 A1	01/2002	Distafano	
nb	3	US-2002/0185734 A1	12/2002	Zhao et al.	
nb	4	2003/0034569 A1	02/2003	Caletka et al.	
nb	5	5,172,213	12/1992	Zimmerman	
nb	6	5,311,060	05/1994	Rostoker et al.	
nb	7	5,339,216	08/1994	Lin et al.	
nb	8	5,493,153	02/1996	Arikawa et al.	
nb	9	5,610,442	03/1997	Schneider et al.	
nb	10	5,639,694	06/1997	Diffenderfer et al.	
nb	11	5,650,663	07/1997	Parthasarathi	
nb	12	5,679,978	10/1997	Kawahara et al.	
nb	13	5,705,851	01/1998	Mostafazadeh et al.	
nb	14	5,986,885	11/1999	Wyland	
nb	15	6,236,568	05/2001	Lai et al.	
nb	16	6,251,706	06/2001	Paniccia	
nb	17	6,323,066	11/2001	Lai et al.	
nb	18	6,414,385	07/2002	Huang et al.	
nb	19	6,462,405	10/2002	Lai et al.	
nb	20	6,525,421	10/2002	Chia et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code-Number-Kind Code (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	<i>Jenna Bay</i>	Date Considered	11-4-04
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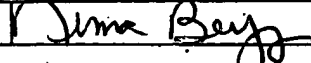
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet <u>2</u> of <u>2</u>		Complete if Known	
		Application Number	10/643,961
		Filing Date	August 20, 2003
		First Named Inventor	Chun Ho FAN
		Art Unit	2812
		Examiner Name	
		Attorney Docket Number	50626.53

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NB	21	U.S. Patent Application Serial No. 10/647,696, Mohan KIRLOSKAR et al., "IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR MANUFACTURING SAME", filing date: August 25, 2003.	
NB	22	U.S. Patent Application Serial No. 10/323,657, Chun Ho FAN et al., "PROCESS FOR MANUFACTURING BALL GRID ARRAY PACKAGE", filing date: December 20, 2002.	
NB	23	U.S. Patent Application Serial No. 10/372,421, Joseph Andrew MARTIN et al., "IMPROVED BALL GRID ARRAY PACKAGE", filing date: February 24, 2003.	
NB	24	U.S. Patent Application Serial No. 10/197,832, Joseph Andrew Martin et al., "IMPROVED BALL GRID ARRAY PACKAGE", filing date July 19, 2002.	

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	Art Unit	2813	
	Examiner Name	N. BEREZNY	
	Attorney Docket Number	50826.53	
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First Named Inventor	Chun Ho FAN
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Art Unit	2813
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U.S. PATENT DOCUMENTS

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